

WEST Search History

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DATE: Tuesday, August 28, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	cyanocyclopentene.CLM.	1
<input type="checkbox"/>	L3	cyclopentene nitrile.CLM.	0
<input type="checkbox"/>	L2	antibacterial or antifung\$ or antimicrob\$ or herbicid\$ or fungicid\$ or biocid\$.CLM.	59417
<input type="checkbox"/>	L1	cyanoketone oxime or cyanoketooxime or oxyaminocyclopentene nitrile or aminocyclopentene carbonitrile.CLM.	0

END OF SEARCH HISTORY

=> d his

(FILE 'HOME' ENTERED AT 15:44:08 ON 28 AUG 2007)

FILE 'REGISTRY' ENTERED AT 15:44:22 ON 28 AUG 2007

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 15 S L1 FULL

FILE 'HCAPLUS, CHEMCATS' ENTERED AT 15:45:50 ON 28 AUG 2007

L4 2 S L3

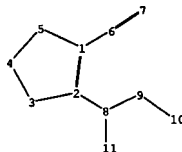
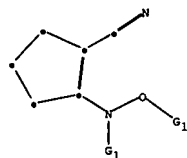
FILE 'MARPAT' ENTERED AT 15:47:25 ON 28 AUG 2007

L5 0 S L3

L6 5 S L3 FULL

FILE 'HCAPLUS, HCAOLD, USPATFULL, EPFULL, AGRICOLA' ENTERED AT 15:49:14
ON 28 AUG 2007

L7 1 S ?CYANO KETONE OXIME? OR ?CYANO KETOOXIME? OR ?OXYAMINO CYCLOP



chain nodes :

6 7 8 9 10 11 12 13

ring nodes :

1 2 3 4 5

chain bonds :

1-6 2-8 6-7 8-9 8-11 9-10 12-13

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

2-8 6-7 8-9 8-11 9-10 12-13

exact bonds :

1-2 1-5 1-6 2-3 3-4 4-5

isolated ring systems :

containing 1 : ,

G1:H,Ph,CN,NO2,Cb,Ak,Hy,[*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS12:CLASS13:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:44:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 51 TO ITERATE

100.0% PROCESSED 51 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 592 TO 1448

PROJECTED ANSWERS: 1 TO 80

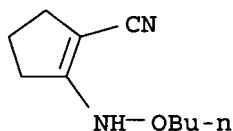
L2 1 SEA SSS SAM L1

=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1-Cyclopentene-1-carbonitrile, 2-(butoxyamino)- (9CI)

MF C10 H16 N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 full

FULL SEARCH INITIATED 15:44:52 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1051 TO ITERATE

100.0% PROCESSED 1051 ITERATIONS

15 ANSWERS

SEARCH TIME: 00.00.01

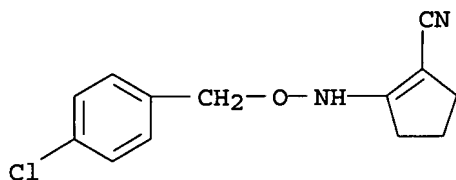
L3 15 SEA SSS FUL L1

=> d scan

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1-Cyclopentene-1-carbonitrile, 2-[[[4-chlorophenyl)methoxy]amino]- (9CI)

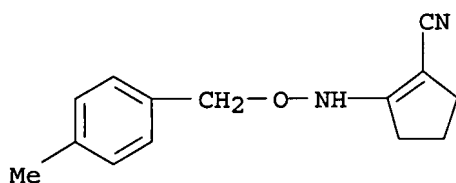
MF C13 H13 Cl N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

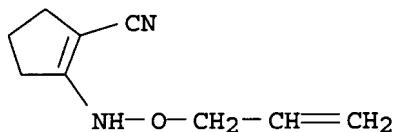
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):14

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 1-Cyclopentene-1-carbonitrile, 2-[[4-methylphenyl)methoxy]amino] - (9CI)
 MF C14 H16 N2 O



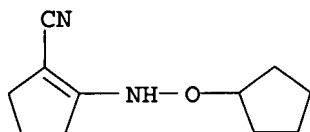
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 1-Cyclopentene-1-carbonitrile, 2-[(2-propenyloxy)amino] - (9CI)
 MF C9 H12 N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

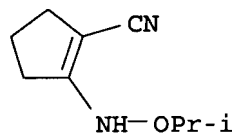
L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 1-Cyclopentene-1-carbonitrile, 2-[(cyclopentyloxy)amino] - (9CI)
 MF C11 H16 N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

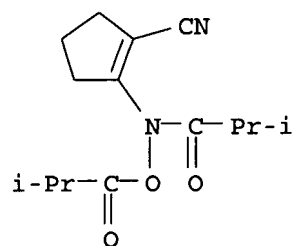
L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1-Cyclopentene-1-carbonitrile, 2-[(1-methylethoxy)amino] - (9CI)
MF C9 H14 N2 O



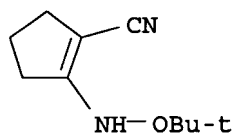
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Propanamide, N-(2-cyano-1-cyclopenten-1-yl)-2-methyl-N-(2-methyl-1-oxopropoxy) - (9CI)
MF C14 H20 N2 O3



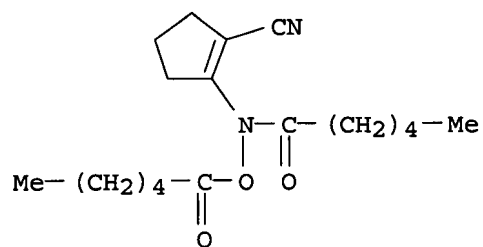
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1-Cyclopentene-1-carbonitrile, 2-[(1,1-dimethylethoxy)amino] - (9CI)
MF C10 H16 N2 O



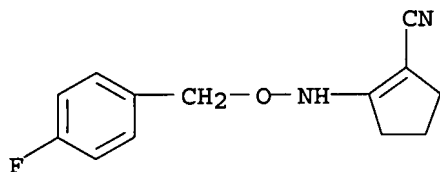
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Hexanamide, N-(2-cyano-1-cyclopenten-1-yl)-N-[(1-oxohexyl)oxy] - (9CI)
MF C18 H28 N2 O3



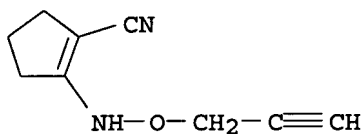
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 1-Cyclopentene-1-carbonitrile, 2-[[4-(4-fluorophenyl)methoxy]amino] - (9CI)
 MF C13 H13 F N2 O



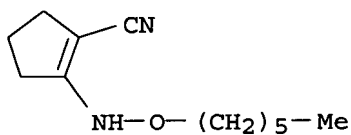
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 1-Cyclopentene-1-carbonitrile, 2-[(2-propynyloxy)amino] - (9CI)
 MF C9 H10 N2 O



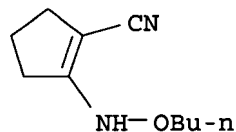
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 1-Cyclopentene-1-carbonitrile, 2-[(hexyloxy)amino] - (9CI)
 MF C12 H20 N2 O



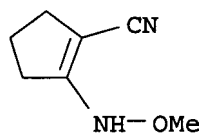
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1-Cyclopentene-1-carbonitrile, 2-(butoxyamino)- (9CI)
MF C10 H16 N2 O



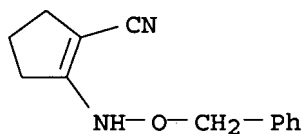
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1-Cyclopentene-1-carbonitrile, 2-(methoxyamino)- (9CI)
MF C7 H10 N2 O



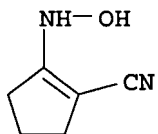
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1-Cyclopentene-1-carbonitrile, 2-[(phenylmethoxy)amino]- (9CI)
MF C13 H14 N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 1-Cyclopentene-1-carbonitrile, 2-(hydroxyamino)- (9CI)
MF C6 H8 N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file hcaplus chemcat
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
172.55	172.76

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 15:45:50 ON 28 AUG 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CHEMCATS' ENTERED AT 15:45:50 ON 28 AUG 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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COPYRIGHT (C) 2007 American Chemical Society (ACS)

=> s l3

L4 2 L3

=> d 1-2 ibib abs hitstr

NO VALID FORMATS ENTERED FOR FILE 'CHEMCATS'

In a multifile environment, each file must have at least one valid
format requested. Refer to file specific help messages or the
STNGUIDE file for information on formats available in individual
files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d l4 1-2 ibib abs

NO VALID FORMATS ENTERED FOR FILE 'CHEMCATS'

In a multifile environment, each file must have at least one valid
format requested. Refer to file specific help messages or the
STNGUIDE file for information on formats available in individual
files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d l4 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:466704 HCAPLUS

DN 141:23214

TI Preparation of 2-oxyamino-1-cyclopentene-1-carbonitriles as microbicides
for protection of technical materials

IN Bruns, Rainer; Kretschik, Oliver; Kugler, Martin; Wachtler, Peter

PA Bayer A.-G., Germany

SO Ger. Offen., 18 pp.

CODEN: GWXXBX

DT Patent

LA German

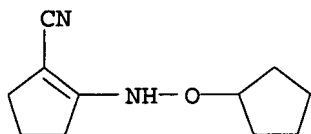
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10256187	A1	20040609	DE 2002-10256187	20021202
WO 2004050608	A2	20040617	WO 2003-EP13198	20031125
WO 2004050608	A3	20041007		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,			

ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003293719	A1	20040623	AU 2003-293719	20031125
EP 1569894	A2	20050907	EP 2003-789076	20031125
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016949	A	20051018	BR 2003-16949	20031125
JP 2006508158	T	20060309	JP 2004-556177	20031125
NO 2005003110	A	20050624	NO 2005-3110	20050624
US 2006142384	A1	20060629	US 2006-537243	20060213
PRAI DE 2002-10256187	A	20021202		
WO 2003-EP13198	W	20031125		
OS	MARPAT 141:23214			

L4 ANSWER 2 OF 2 CHEMCATS COPYRIGHT 2007 ACS on STN
 Accession No. (AN): 2035397381 CHEMCATS
 Catalog Name (CO): Chemstep Product List
 Publication Date (PD): 19 Jun 2007
 Order Number (ON): 68002
 Chemical Name (CN): 1-Cyclopentene-1-carbonitrile, 2-
 [(cyclopentyloxy)amino]- (9CI)
 CAS Registry No. (RN): 698977-17-2
 Structure :



=> file marpat
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
6.69	179.45

FILE 'MARPAT' ENTERED AT 15:47:25 ON 28 AUG 2007
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2007 American Chemical Society (ACS)

FILE CONTENT: 1961-PRESENT VOL 147 ISS 8 (20070824/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
 (COVERAGE TO THESE DATES IS NOT COMPLETE):

US	2007161644	12 JUL 2007
DE	102005063191	05 JUL 2007
EP	1803723	04 JUL 2007
JP	2007177954	12 JUL 2007
WO	2007078813	12 JUL 2007
GB	2433499	27 JUN 2007
FR	2895408	29 JUN 2007
RU	2302452	10 JUL 2007
CA	2571093	16 JUN 2007

Expanded G-group definition display now available.

=> s 13

SAMPLE SEARCH INITIATED 15:47:29 FILE 'MARPAT'
SAMPLE SCREEN SEARCH COMPLETED - 866 TO ITERATE

100.0% PROCESSED 866 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 15603 TO 19037
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L1

=> s l3 full
FULL SEARCH INITIATED 15:47:35 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 18132 TO ITERATE

100.0% PROCESSED 18132 ITERATIONS (1 INCOMPLETE) 5 ANSWERS
SEARCH TIME: 00.00.07

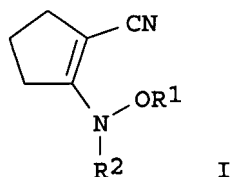
L6 5 SEA SSS FUL L1

=> d 1-5 ibib abs

L6 ANSWER 1 OF 5 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 141:23214 MARPAT
TITLE: Preparation of 2-oxamino-1-cyclopentene-1-
carbonitriles as microbicides for protection of
technical materials
INVENTOR(S): Bruns, Rainer; Kretschik, Oliver; Kugler, Martin;
Wachtler, Peter
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 18 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10256187	A1	20040609	DE 2002-10256187	20021202
WO 2004050608	A2	20040617	WO 2003-EP13198	20031125
WO 2004050608	A3	20041007		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003293719	A1	20040623	AU 2003-293719	20031125
EP 1569894	A2	20050907	EP 2003-789076	20031125
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003016949	A	20051018	BR 2003-16949	20031125
JP 2006508158	T	20060309	JP 2004-556177	20031125
NO 2005003110	A	20050624	NO 2005-3110	20050624
US 2006142384	A1	20060629	US 2006-537243	20060213
PRIORITY APPLN. INFO.:			DE 2002-10256187	20021202
			WO 2003-EP13198	20031125

GI



AB Title compds. [I; R1, R2 = H, halo, cyano, NO2, (substituted) alkyl, alkenyl, alkynyl, aryl, heterocyclyl, COR3; R3 = (substituted) alkyl, alkenyl, alkynyl, aryl, heterocyclyl], salts and acid addition compds. thereof, were prepared Thus, 2-amino-1-cyclopentene-1-carbonitrile in EtOH was heated to boiling with O-benzylhydroxylamine hydrochloride for 2 h to give 76% 2-[(benzyloxy)amino]-1-cyclopentene-1-carbonitrile. The latter at <400 ppm inhibited the growth of *Penicillium brevicaulis* and at <400 ppm the growth of *Chaetomium globosum*.

L6 ANSWER 2 OF 5 MARPAT COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 129:241260 MARPAT
 TITLE: Synergistic fungicidal mixtures
 INVENTOR(S): Wagner, Oliver; Bayer, Herbert; Misslitz, Ulf; Schirmer, Ulrich; Ammermann, Eberhard; Lorenz, Gisela; Strathmann, Siegfried
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19710760	A1	19980917	DE 1997-19710760	19970314
WO 9841094	A1	19980924	WO 1998-EP1034	19980223
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, KG, MD, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9867240	A	19981012	AU 1998-67240	19980223
IN 1998MA00515	A	20050304	IN 1998-MA515	19980312
PRIORITY APPLN. INFO.:			DE 1997-19710760	19970314
			WO 1998-EP1034	19980223

GI For diagram(s), see printed CA Issue.

AB The title mixts. comprise I or II (R1 = Cl(CO2Me):CHOMe, Cl(CO2Me):NOMe, Cl(CONHMe):NOMe, etc.; R2 = C-organic radical, bound directly or by way of an oxy, mercapto, amino or alkylamino group, or forming a bicyclic ring with X and Q or T; R3 = OC(CO2Me):CHOMe, OC(CO2Me):CHMe, etc.; R4 = O, S, CH or N; n = 0, 1-3; X = cyano, nitro, halo, etc.; Y = C or N; Q = cyclopentenyl, cyclohexenyl, Ph, pyrrolyl, thienyl, etc.; T = Ph, oxazolyl, thiazolyl, etc.) and dicamba or diflufenzopyr herbicides (no data).

L6 ANSWER 3 OF 5 MARPAT COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 126:13050 MARPAT
 TITLE: Electrophotographic migration imaging member
 INVENTOR(S): Malhotra, Shadi L.; Chen, Liqin; Perron, Marie-Eve
 PATENT ASSIGNEE(S): Xerox Corp., USA

SOURCE: U.S., 144 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5563014	A	19961008	US 1995-442227	19950515
CA 2170298	A1	19961116	CA 1996-2170298	19960226
CA 2170298	C	20011002		
JP 08314241	A	19961129	JP 1996-113457	19960508
BR 9602246	A	19980113	BR 1996-2246	19960514
			US 1995-442227	19950515

PRIORITY APPLN. INFO.:

AB Disclosed is a migration imaging member comprising (a) a substrate, (b) a softenable layer comprising a softenable material and a photosensitive migration marking material, and (c) a transparentizing agent which transparentizes the migration marking material in contact therewith contained in at least one layer of the migration imaging member. Also disclosed is a process which comprises (1) providing a migration imaging member comprising (a) a substrate, (b) a softenable layer comprising a softenable material and a photosensitive migration marking material, and (c) a transparentizing agent which transparentizes the migration marking material in contact therewith contained in at least one layer of the migration imaging member, (2) uniformly charging the imaging member, (3) exposing the charged imaging member to an activating radiation at a wavelength to which the migration marking material is sensitive, and (4) causing the softenable material to soften and enabling a first portion of the migration marking material to migrate through the softenable material toward the substrate in an imagewise pattern while a second portion of the migration marking material remains substantially unmigrated within the softenable layer, wherein subsequent to migration of the first portion of migration marking material, either (a) the first portion of migration marking material contacts the transparentizing agent and the second portion of migration marking material does not contact the transparentizing agent or (b) the second portion of migration marking material contacts the transparentizing agent and the first portion of migration marking material does not contact the transparentizing agent.

L6 ANSWER 4 OF 5 MARPAT COPYRIGHT 2007 ACS on STN

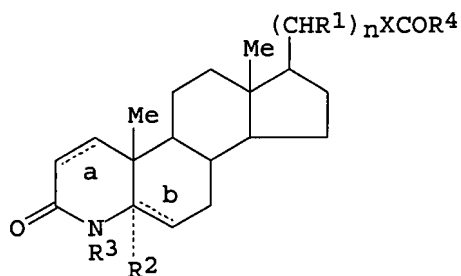
(ALL HITS ARE ITERATION INCOMPLETES)

ACCESSION NUMBER: 121:109397 MARPAT
TITLE: Preparation of ester derivatives of 4-azasteroids as steroid 5 α -reductase inhibitors.
INVENTOR(S): Witzel, Bruce E.; Rasmusson, Gary H.; Tolman, Richard L.; Yang, Shu Shu
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9323041	A1	19931125	WO 1993-US4771	19930519
W: AU, BB, BG, BR, CA, CZ, FI, HU, JP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9342525	A	19931213	AU 1993-42525	19930519
AU 668181	B2	19960426		

EP 649306	A1	19950426	EP 1993-911362	19930519
EP 649306	B1	20010110		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 07508039	T	19950907	JP 1993-503838	19930519
AT 198601	T	20010115	AT 1993-911362	19930519
US 5610162	A	19970311	US 1994-338573	19941117
PRIORITY APPLN. INFO.:			US 1992-886022	19920520
			WO 1993-US4771	19930519

GI



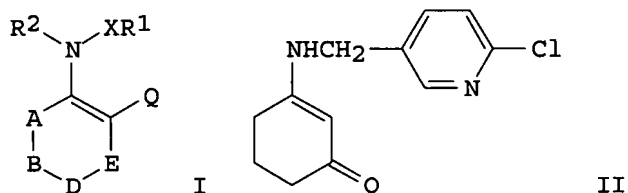
AB Title compds. [I; a, b = single bonds, R2 = H; or a = single bond, b = double bond, and R2 = null; R1 = H, aryl, alkyl, aralkyl; R3 = H, Me, Et, OH, NH2, SMe; n = 0-10; X = O, S; R4 = (substituted) alkyl, aryl, heterocyclyl, cycloalkyl, amino, OH, etc.] were prepared as inhibitors of 5 α -reductase and isoenzymes thereof. The compds. are useful for the treatment of hyperandrogenic disease conditions and diseases of the skin and scalp (no data). Thus, 20-hydroxy-4-methyl-5 α -4-azapregnan-3-one, 11-ethylthioundecanoic acid, DMAP, and DCC were stirred in CH₂Cl₂ at room temperature to give 20-[11-(ethylthio)undecanoyloxy]-4-methyl-5 α -4-azapregnan-3-one.

L6 ANSWER 5 OF 5 MARPAT COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 117:7806 MARPAT
 TITLE: Preparation of pyridylmethylaniline derivatives as insecticides
 INVENTOR(S): Ohishi, Haruhito; Iihama, Teruyuki; Ishimitsu, Keiichi; Yamada, Tomio
 PATENT ASSIGNEE(S): Nippon Soda Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9200964	A1	19920123	WO 1991-JP889	19910702
W: US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
JP 05004966	A	19930114	JP 1991-187019	19910702
EP 539588	A1	19930505	EP 1991-912066	19910702
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
PRIORITY APPLN. INFO.:			JP 1990-176462	19900705
			JP 1990-209238	19900809
			JP 1991-55562	19910228
			WO 1991-JP889	19910702

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AB The title compds. [I; R1 = (substituted) 5- or 6-membered N heterocyclyl; X = alkylene, alkylidene; R2 = H, (substituted) alkyl, alkenyl, alkynyl, etc.; A, B, D = substituted C or hetero atom, single bond; E = CO, CS; Q = H, (substituted) alkyl, alkenyl, alkynyl, etc.] are prepared Refluxing a mixture of 1,3-cyclohexanedione, 2-chloro-5-pyridylmethylamine, and toxic acid hydrate in MePh gave quant. II, which killed 100% aphids and green rice leaf hoppers at 125 ppm. Also prepared and tested were 82 addnl. I.

=> d his

(FILE 'HOME' ENTERED AT 15:44:08 ON 28 AUG 2007)

FILE 'REGISTRY' ENTERED AT 15:44:22 ON 28 AUG 2007

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 15 S L1 FULL

FILE 'HCAPLUS, CHEMCATS' ENTERED AT 15:45:50 ON 28 AUG 2007

L4 2 S L3

FILE 'MARPAT' ENTERED AT 15:47:25 ON 28 AUG 2007

L5 0 S L3

L6 5 S L3 FULL

=> file hcaplus hcaold uspatfull eptfull agricola

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	77.10	256.55
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.65	-3.65

FILE 'HCAPLUS' ENTERED AT 15:49:14 ON 28 AUG 2007

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FILE 'USPATFULL' ENTERED AT 15:49:14 ON 28 AUG 2007

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FILE 'EPTFULL' ENTERED AT 15:49:14 ON 28 AUG 2007

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FILE 'AGRICOLA' ENTERED AT 15:49:14 ON 28 AUG 2007

=> s ?cyano ketone oxime? or ?cyano ketooxime? or ?oxyamino cyclopentenitrile or ?aminocyclopentene carbonitrile

LEFT TRUNCATION IGNORED FOR FILE 'AGRICOLA'
 LEFT TRUNCATION IGNORED FOR FILE 'AGRICOLA'
 LEFT TRUNCATION IGNORED FOR FILE 'AGRICOLA'
 LEFT TRUNCATION IGNORED FOR FILE 'AGRICOLA'
 L7 1 ?CYANO KETONE OXIME? OR ?CYANO KETOXIME? OR ?OXYAMINO CYCLOPENT
 ENENITRILE OR ?AMINOCYCLOPENTENE CARBONITRILE

Left truncation is not valid in the specified search field in the
 specified file. The term has been searched without left truncation.
 Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID'
 would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you
 used a truncation symbol after a punctuation mark, the system may
 interpret the truncation symbol as being at the beginning of a term.
 Implied proximity is used in search fields indexed as single words,
 for example, the Basic Index.

=> d 17

L7 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 1971:551421 HCAPLUS
 DN 75:151421
 TI Cyclic α -cyanoketone oximes
 IN Unkovskii, B. V.; Kopranenkov, V. N.
 PA Lomonosov, M. V., Institute of Fine Chemical Technology, Moscow
 SO U.S.S.R.
 From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1971, 48(25),
 97.
 CODEN: URXXAF
 DT Patent
 LA Russian
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI SU 311906		19710819	SU	19700331